

Region		Project Name					
SR	MP Limits	L Number	Contract Number	PS&E Number	PIN Number(s)	WIN Number	Federal Aid Number
SEPA (e.g., EIS 1/1/99)		NEPA (e.g., CE 1/1/99)		Route Type (e.g., NHS)		Project Type (e.g., P1)	
Final Design Decisions Approval Date		By Whom with Title		Final Summary Approval Date		By Whom with Title	
Advertisement Date		Reviewers					
<b>REVIEW ITEMS</b>							
<b>REQUIRED PROJECT FILE COMPONENTS - 330.04</b>			<b>Yes</b>	<b>No<sup>(1)</sup></b>	<b>N/A</b>	<b>REMARKS</b>	
1. Is project log in the project file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2. Is copy of design approval letter in the project file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3. Are the VE Study Workbook and VE Decision Document in the file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4. Are required evaluate upgrades (EU) documented in the file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5. Are all design deviations documented in the file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6. Is Design Variance Inventory in the file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7. Is cost estimate in the file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8. Is the work zone traffic control strategy (WZTCS) documented in the file?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Additional general review comments (use attachments if additional space is necessary):							
<b>REVIEW ITEMS</b>			<b>Yes</b>	<b>No<sup>(1)</sup></b>	<b>N/A</b>	<b>REMARKS</b>	

### Design Review Check List

<b>A. ACCIDENT HISTORY</b>		
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>		
1. Is accident history in the file?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2. Was accident history analyzed, and are conclusions documented in the file?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Additional general review comments (use attachments if additional space is necessary):		
<b>B. AESTHETICS-VISUAL COMPONENTS</b>		
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>		
1. Were roadside restoration and/or wetland mitigation plans reviewed and approved by appropriate authority?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Additional general review comments (use attachments if additional space is necessary):		
<b>C. GEOLOGICAL, SOILS, &amp; MATERIALS REPORTS AND PAVEMENT DESIGN - Chapters 510 &amp; 520</b>		
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>		
1. Is OSC Materials Branch approved Materials Source Report in the file?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
2. Is OSC Materials Branch approved Soil Report in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Is OSC Materials Branch approved Resurfacing Report in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Is OSC Materials Branch approved Pavement Type Determination Form in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>D. HORIZONTAL-VERTICAL ALIGNMENT - Chapters 440,620,630 &amp; 650</b> Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>				
1. Is design speed appropriate and documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Does vertical stopping sight distance comply with appropriate design standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Does horizontal stopping sight distance comply with appropriate design standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Does horizontal curvature and rate of superelevation comply with project design speed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Are superelevation transitions in reasonable compliance with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>E. GEOMETRICS - Chapters 430, 440, 640, &amp; 1050</b> Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>				
1. Do lane and shoulder widths comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Do pavement cross-slopes comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Do roadway foreslopes and backslopes comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional general review comments (use attachments if additional space is necessary):				
<b>F. HIGHWAY CAPACITY - Chapter 610</b> Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>				
1. Was capacity analysis performed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Do improvements provide design year level of service that complies with Figure 610-1?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>G. ROADSIDE SAFETY - Chapter 700</b>				
1. Is Design Clear Zone Inventory in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Are decisions to not mitigate specific hazards documented with engineering analysis on the inventory form or by form reference to another document in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Are roadside safety items that are deferred for two years documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional general review comments (use attachments if additional space is necessary):				
<b>H. TRAFFIC BARRIERS - Chapter 710</b>				
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/> Spot Checked <input type="checkbox"/> Completely Checked <input type="checkbox"/>				
1. Do guardrail installations comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Does barrier comply with Figure 700-5, Guidelines for Embankment Barrier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Do barrier installations comply with length of need requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
4. Are special barrier installations approved by the OSC Design Office, and is this documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Are appropriate barrier end treatment or protection provided at each barrier location?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Is substandard bridge rail upgraded and is design acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>I. SIGNING, DELINEATION, AND ILLUMINATION - Chapters 820, 830 &amp; 840</b> Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>				
1. Does signing comply with Chapter 820?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Is Bridge and Structures Office concurrence in the file for attaching sign supports to structures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Does delineation comply with Chapter 830?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Is State Traffic Engineer approval to use less than or exceeding basic illumination documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Does Illumination comply with Chapter 840?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>J. SIGNALIZATION - Chapter 850</b>				
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>				
1. Are there approved signal permits in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Is approved preliminary signal plan in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>K. INTERSECTIONS - Chapter 910</b>				
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>				
1. Are there intersection plans in the file when required by Chapter 910?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Does existing/new intersection sight distance comply with design standards and are analyses documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Was appropriate design speed used to evaluate existing intersections or to design new intersections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Were existing intersection skew angles evaluated in accordance with appropriate design matrix?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Was the appropriate recommended minimum intersection design vehicle selected for each turning movement or is there a traffic analysis showing that the selected design vehicle is appropriate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
6. Are new intersections or modifications to intersections designed to accommodate the selected design vehicle or is required encroachment justified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Are designs for new or revised intersections backed by an engineering evaluation based on a traffic analysis?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Do all other geometrics for new intersections or modifications to intersections comply with design standards taper rates, roadway widths, shy, channelization, storage lengths, etc.?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Is there documentation for the need and spacing and justification for the selected design vehicle for U-turn locations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Do bicycle lanes and pedestrian accommodations comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Are traffic islands designed to standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional general review comments (use attachments if additional space is necessary):				
<b>L. INTERCHANGES - Chapter 940</b> <div> Applicable Yes <input type="checkbox"/> No <input type="checkbox"/> Refer to Section K, INTERSECTIONS for review of interchange intersections </div>				
1. Is there an approved new or revised access point report in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Is there an approved interchange plan that includes channelization in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Is design backed by a traffic report that includes design year level of service analyses at critical locations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
4. Are all existing and planned median crossovers in accordance with the regional Master Plan for Median Crossovers, and is this documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Has documentation for new crossovers and the design data, together with a right of way print showing the opening in red, been submitted to the OSC Design Office for right of way or limited access plan approval, and is this documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Do HOV bypass lanes, shoulders, merges, and enforcement areas comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Do ramp meter locations comply with standards, and does storage capacity comply with traffic report recommendations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Do weaving lanes comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Reviewer's additional plan review items follow (use attachments if additional space is necessary):				
<b>M. BRIDGES - Chapter 1120</b> <div>Applicable Yes <input type="checkbox"/> No <input type="checkbox"/></div>				
1. Does existing or proposed bridge width comply with appropriate design standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Do bridge rails not restrict horizontal and/or intersection sight distances to below standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
3. Do existing or proposed guardrail attachments and bridge connection transition sections comply with design standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Was bridge type, size, and location (TS&L) prepared by Bridge and Structures Office?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Where median is 8m or less in width, will gap be decked or netted over between parallel structures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Are all new structures and all modifications to existing structures designed by or reviewed and approved by the Bridge and Structures office, and are approvals documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Is Bridge and Structures Office concurrence to connect traffic barrier to bridge documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Is bridge deck protective treatment system designed by or reviewed and approved by the Bridge and Structures Office?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Is OSC Design Office approval to install protective bridge screening in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Is method of attaching the protective screening to the bridge approved by the Bridge and Structures Office?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Are bridge vertical clearance and bridge approach slabs standard or documented deviations in file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional general review comments (use attachments if additional space is necessary):				

REVIEW ITEMS		Yes	No <sup>(1)</sup>	N/A	REMARKS
<b>N. HYDRAULIC DESIGN - Chapter 1210</b>					
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>					
1. Was OSC/Region Hydraulics branch contacted for technical assistance when implementing stormwater management practices established by local governments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2. Was a safety rest area hydraulic report accomplished and reviewed and approved by the OSC/Region Hydraulics Branch?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Reviewer's additional plan review items follow (use attachments if additional space is necessary):					
<b>O. ACCESS CONTROL &amp; FENCING - Chapters 1420 &amp; 1460</b>					
Applicable Yes <input type="checkbox"/> No <input type="checkbox"/>					
1. Is State Design Engineer approval to defer access control documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2. If limited access is not implemented, is access management standards implemented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3. Is justification documented in the file for not installing access control fencing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Additional general review comments (use attachments if additional space is necessary):					

REVIEW ITEMS	Yes	No <sup>(1)</sup>	N/A	REMARKS
<b>P. OTHER ITEMS AS APPLICABLE</b>				
1. Do bicycle paths comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Do pedestrian trails comply with standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Are the requirements of Chapter 1140 followed in the design of noise barriers, and is the documentation in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Does the transit benefit facility design comply with Chapter 1060?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Does the weigh station design comply with Chapter 1040?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Are climbing lanes, passing lanes, and/or slow moving vehicle turnouts analyses documented in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Do designs for proposed climbing lanes, passing lanes, and/or slow moving vehicle turnouts comply with Chapter 1010?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Are experimental feature approvals and approved work plans in the file?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Reviewer's additional plan review items follow (use attachments if additional space is necessary):</b>          				